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```
126 and socket$1
```

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DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ			
L30	126 and socket$1	4	L30
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L28	126 and GID	1	L28
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L26	L25 and GSM	19	L26
L25	L19 and (configur$ near5 device$1).ab.	1047	L25
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L23	121 and GMS	0	L23
L22	L21 and (identif$ near3 subcriber$1)	0	L22
L21	L20 and (configur$ near5 device$1).ab.	130	L21
L20	L19 and (select$ near5(configur$ near3 data))	905	L20
L19	L18 and (configur$ near3 data)	10375	L19
L18	(configur$ near5 device$1)	94405	L18
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=ADJ			
L17	5196842.pn.	2	L17
L16	5196842.pn.	2	L16
L15	L14 and (select$ near5(configur$ near3 data))	2	L15
L14	L13 and (configur$ near5 device$1).ab.	12	L14

L13	L12 and ((configur$ near3 data) near10 (operat$ near3 configur$))	37	L13
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L9	709/$$.ccls.	30520	L9

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L8	L7 and (select$ near5(configur$ near3 data))	2	L8
L7	L6 and (configur$ near3 data)	37	L7
L6	L5 and (identi$ near5 device$1)	54	L6
L5	L4 and (configur$ near5 device$1).ab.	99	L5
L4	L3 and (configur$ near5 device$1)	446	L4
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Globus: A Metacomputing Infrastructure Toolkit - Foster (1996) (Correct) (364 citations)
poses new challenges for developers of system **software**, parallel tools, and applications. In this
Globus project is to address the problems of **configuration** and performance optimization in metacomputing
the Globus project is to address the problems of **configuration** and performance optimization in
elysium.cs.ucdavis.edu/~nico/seminar/papers/globus.ps.gz

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Towards Programmable Networks - Yemini (1996) (Correct) (82 citations)
Their functions, mostly implemented by embedded **software**, are rigidly built-in by intermediate nodes
of elements has given rise to ever-complex **configuration** management. **Configuration** management has
of a dynamically programmable networked **device**, and a language called NetScript for building
brutus.snu.ac.kr/~hshin/seminar/./activenetwork9.ps

The HP AutoRAID hierarchical storage system - Wilkes, al. (1996) (Correct) (73 citations)
the HP AutoRAID technology is almost entirely in **software**, the additional hardware cost for these benefits
this, RAID systems typically offer a great many **configuration** parameters: data- and parity-layout choice,
this, RAID systems typically offer a great many **configuration** parameters: data- and parity-layout choice,
www.hpl.hp.com/personal/Carl_Staelin/sosp95-tocs.ps.gz

Programmable Active Memories: Reconfigurable Systems.. - Vuillemin, Bertin.. (1996) (Correct) (71 citations)
offer a new mixture of hardware performance and **software** versatility. We review the important
revolutionary component has a large internal **configuration** memory, and two modes of operation: in
through the example of DECPeRLe-1, an experimental **device** built in 1992. PAM programming is presented, in
ftp.digital.com/pub/DEC/PRL/research-articles/VBRSTB941.ps.Z

Context-Aware Computing Applications - Schilit, Adams, Want (1994) (Correct) (80 citations)
and Roy Want Abstract This paper describes **software** that examines and reacts to an individual's
over time and place. In short, the hardware **configuration** is continually changing. Similarly, the
can promote and mediate people's interactions with **devices**, computers, and other people, and it can help
ftp.parc.xerox.com/pub/schilit/wmc-94-schilit.ps

A Component- and Message-Based Architectural Style.. - Taylor.. (1996) (Correct) (37 citations)
and Message-Based Architectural Style for GUI **Software** Richard N. Taylor, Nenad Medvidovic, Kenneth M.
style are components and connectors. A **configuration** of a system of components and connectors is
components hooked together by message routing **devices**. Central to the architectural style is a
sunset.usc.edu/~neno/teaching/s99/C2-TSE.ps.gz

Adding Force Feedback to Graphics Systems: Issues and.. - Mark, Randolph.. (1996) (Correct) (34 citations)
to these problems and describe our force-feedback **software** library which implements these techniques and
to its task. It also allows for flexible system **configuration**, which is particularly useful in a research
to its task. It also allows for flexible system **configuration**, which is particularly useful in a research
www.cs.unc.edu/~billmark/SIG96withfonts.ps.Z

A Dynamic Reconfiguration Run-Time System - Jim Burns (1997) (Correct) (22 citations)
involved an ad hoc combination of hardware and **software**. The **software** that manages the dynamic
specialised to one application and one hardware **configuration**. We present three different applications of
specialised to one application and one hardware **configuration**. We present three different applications of
www.dcs.ed.ac.uk/~adamd/research/fccm97.ps.gz

Joust: A Platform for Liquid Software - John Hartman (1998) (Correct) (15 citations)
Joust: A Platform for Liquid **Software** John H. Hartman, Larry L. Peterson, Andy
and displays MPEG-compressed video. Such a **configuration** is specified at build time, and a set of
Its primary task is to move data from one **device** to another, for example, from a network **device** to

Formal Requirements Analysis of an Avionics Control System - Dutertre, Stavridou (1997)   (Correct)   (18 citations)
Ieee Transactions On **Software** Engineering, Vol. Xx, No. Y, Month 1997 1 Formal
monitoring mechanisms and restores the initial **configuration** of the ADC (the primary channel active, the
the wing sweep using an emergency mechanical **device**. The two channels are independent they have
www.csl.sri.com/~bruno/publis/safefm_tse.ps.gz

Structuring Communication Software for Quality-of-Service.. - Ashish Mehra (1996)   (Correct)   (23 citations)
Structuring Communication **Software** for Quality-of-Service Guarantees Ashish Mehra,
control over a Motorola 68040 CPU. This **configuration** avoids any interference from computation or
complete control over a Motorola 68040 CPU. This **configuration** avoids any interference from computation or
rtcl.eecs.umich.edu/outgoing/atri/structuring.ps.Z

Landmark-Based Robot Navigation - Lazanas, Latombe (1992)   (Correct)   (33 citations)
and algorithmic complexity in robotics. As **software** becomes more critical in modern robots, the
area, an "island of perfection" in the robot **configuration** space where we consider position sensing and
area, an "island of perfection" in the robot **configuration** space where we consider position sensing and
robotics.stanford.edu/~latombe/papers/algorithmica/landmark/paper.ps.gz

Self Modifying Circuitry - A Platform for Tractable Virtual.. - Adam Donlin (1998)   (Correct)   (9 citations)
of applying virtual circuitry in a general **software** environment. Two primary limitations of existing
bandwidth available to an array resident **configuration**, communication and computation agent. A
www.dcs.ed.ac.uk/~adamd/research/fpl98.ps.gz

The MR Toolkit Peers Package and Experiment - Shaw, Green (1993)   (Correct)   (24 citations)
on some task in one common virtual space. **Software** that enables this kind of interaction must
system is implemented in a local-area network **configuration**, and is susceptible to communications lags.
process of an MR Toolkit application can transmit **device** data to other remote applications, and receive
menaik.cs.ualberta.ca/pub/graphics/papers/vrais.93.ps.gz

Model Checking Safety Critical Software with SPIN: .. - Cimatti.. (1997)   (Correct)   (11 citations)
Model Checking Safety Critical **Software** with SPIN: an Application to a Railway
verification with spin of significant process **configurations**. 1 Introduction This paper describes a joint
verification with spin of significant process **configurations**. 1 Introduction This paper describes a
ftp.irisa.fr/pub/mirrors/netlib/spin/ws97/cimatti.ps.Z

Sensorless Manipulation Using Transverse Vibrations of .. - Bhatt.. (1996)   (Correct)   (16 citations)
Although the vibratory motion is under **software** control, specialized mechanical nests must be
proposition would result in finding the minimal **configuration** of resources required to solve a task. We
proposition would result in finding the minimal **configuration** of resources required to solve a task. We
ftp.cs.cornell.edu/pub/brd/vibrating-plate.ps

The PARCTAB Mobile Computing System - Schilit, Adams, Gold, Tso, Want (1993)   (Correct)   (22 citations)
in the near future. There are three types of **software** components in the PARCTAB system: gateways,
before they can send data. A daisy-chained **configuration** is useful for long runs with low expected
also use the network with other portable computing **devices**. 1 This work was supported by Xerox. Portions
ftp.parc.xerox.com/pub/schilit/wwos-93-schilit.ps.Z

Demultiplexed Architectures: A Solution for Efficient.. - Roca, Braun, Diot (1997)   (Correct)   (10 citations)
of the workstations from the hardware and **software** points of view. The need to take advantage of
to the communication subsystem. Therefore the **configuration** of a BSD stack is mainly hard-coded in kernel
to the communication subsystem. Therefore the **configuration** of a BSD stack is mainly hard-coded in
ftp-sop.inria.fr/rodeo/diot/ieee-networks-us.ps.gz

An Automated Temporal Partitioning and Loop Fission .. - Kaul, Vemuri.. (1999)   (Correct)   (4 citations)
are implemented in hardware and parts in **software**. The hardware targeted would be the
at the start of the application, and the same **configuration** continues till the execution ends. However,
associated with ASIC design is eliminated. But the **devic** capacity of FPGAs is far less than that of ASIC
www.ececs.uc.edu/~ddel/projects/sparcs/Papers/dac99.ps

StarT-Jr: A Parallel System from Commodity Technology - Hoe, Ehrlich (1996)   (Correct)   (12 citations)
platforms with minimal loss in non-transferable **software** and hardware investment. On the other hand, FUNi
Pentiumbased personal computers (PCs)in stock **configuration**, currently serve as the processing nodes to

Pentiumbased personal computers (PCs)i⬤ock **configuration**, currently serve as the⬤cessing nodes to
.www.csg.lcs.mit.edu/Users/jhoe/csgmemo/memo-384.ps.gz

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Compiling Occam into Field-Programmable Gate Arrays - Page, Luk (Correct) (34 citations)
hardware can be generated entirely by a **software** process. Inner loops of time-consuming programs
Vendor-provided CAD **software** creates **device configuration** data from userprovided circuit schematics,
innerloops, hardware interfaces to real-world **devices**, systolic arrays, and complete microprocessors.
ftp.comlab.ox.ac.uk/pub/Documents/techpapers/Ian.Page/hwcomp.ps.gz

Neural Network Dynamics for Path Planning and Obstacle.. - Glasius, Komoda, Gielen (1995) (Correct) (11 citations)
states are updated one at a time -implemented in **software** on a conventional computer is simply too slow
conclusions. 2 The model 2.1 Work space and **configuration** space Consider a robot manipulator R,
the conclusions. 2 The model 2.1 Work space and **configuration** space Consider a robot manipulator R,
ftp.mbfys.kun.nl/snn/pub/reports/Glasius.labyrinth.ps.Z

Implementing Fine-Grain Distributed Shared Memory On Commodity.. - Schoinas (1996) (Correct) (11 citations)
fine-grain access control mechanisms (optimized **software**, commodity hardware, and custom hardware)a
deadline!which we hope will permit larger **configurations**. 2 workstations running an unmodified
Solaris 2.4 kernel, which it extends with loadable **device** drivers. Section 5 discusses this approach and
ftp.cs.wisc.edu/tech-reports/reports/96/tr1307.ps.Z

Allocating And Scheduling Hard Real-Time Tasks On A.. - Burns, Nicholson.. (1994) (Correct) (12 citations)
in the design method MASCOT (Modular Approach to **Software** Construction, Operation and Test) can take on
the issues of scheduling and allocation/**configuration** of a point-topoint parallel system, for
external event (such as the arrival of data from a **device**) or an internal event (such as a clock tick or a
www.cs.york.ac.uk/ftpdir/reports/YCS-94-238.ps.Z

Workstation Video Playback Performance with Competitive Process.. - Kevin Fall (1995) (Correct) (10 citations)
framing units, which are decoded by a **software** or hardware codec. The decoded frames are then
in the presence of competitive load. The **configuration** under study consists of the three processes.
in the presence of competitive load. The **configuration** under study consists of the three processes.
hulk.bu.edu/nossdav95/../nossdav95/papers/KevinFall.ps

Performance of Low-Cost UltraSparc Multiprocessors Connected by .. - Omang, Parady (1996) (Correct) (10 citations)
(or sometimes even worse than) Ethernet. And ATM **software** overhead is still high. Since ATM is an
The simplest back-to-back connected cluster **configuration** is pictured in figure 1. Connected to the I/O
The simplest back-to-back connected cluster **configuration** is pictured in figure 1. Connected to the
www.ifi.uio.no/~sci/Publications/wmc97.ps

Formal Verification of a Power Controller Using the.. - Havelund, Larsen, Skou (1999) (Correct) (3 citations)
processor interconnection and our model of the **software** architecture for one of the processors. Each
rules. 2.1 Protocol Environment A typical B&O **configuration** consists of a number of components, which are
rules. 2.1 Protocol Environment A typical B&O **configuration** consists of a number of components, which
ic-www.arc.nasa.gov/ic/projects/amphion/people/havelund/Publications/uppaal-power-arts99.ps.Z

An Operator Interface for Teleprogramming Employing Synthetic.. - Sayers, Paul (1995) (Correct) (9 citations)
overview is also given of both the hardware and **software** used to implement the master station for the
not be pressed at this time. ffl Current **configuration** -which keys are currently being activated
master manipulator. This serves as both an input **device** (sensing where the operator wants to move) and an
www.cis.upenn.edu/~grasp/publications/sayers-presence94.ps.gz

Lag in Multiprocessor Virtual Reality - Wloka (1995) (Correct) (9 citations)
of this synchronization scheme both by **software** simulation, as well as by actual lag
using multiple processors in a pipelined **configuration** increases throughput yet maintains the same
Packard, and Digital Equipment Corporation. **device**, various computation stages process and transform
wilma.cs.brown.edu/research/graphics/research/pub/papers/presence3.4-lag.ps

The Design and Implementation of an IPv.. v4 Network Address .. - Marc Fiuczynski (..8)   (Correct)   (4 citations)
.use the new protocol will require changes to the **software** in every networked **device**. IPv4 systems,
scalability and routing, security, ease-of-**configuration**, and higher performance compared to IPv4.
require changes to the **software** in every networked **device**. IPv4 systems, however, are ubiquitous and are
www.cs.washington.edu/homes/bershad/Papers/USENIX98/nap.ps

Network Subsystem Design: A Case for an Integrated Data.. - Druschel, Abbott.. (1993)   (Correct)   (9 citations)
drivers, network protocols, and application **software** all potentially reside in different protection
Company. protocol belongs in is delayed until **configuration** time (rather than OS design time) and,
Company. protocol belongs in is delayed until **configuration** time (rather than OS design time) and,
www.eecs.harvard.edu/cs248/papers/peterson-ieee93.ps

Domain Specific Mapping for Solving Graph Problems on.. - Andreas Dandalis (1999)   (Correct)   (2 citations)
with the state-of-the-art. In comparison with **software** implementations, the estimated run-time speed-up
of the hardware design or improvement of the **configuration** time. 1 Introduction Reconfigurable
for Solving Graph Problems on Reconfigurable **Devices** Andreas Dandalis, Alessandro Mei and
maarc.usc.edu/./pubs/andreas_raw99.ps

Probe-based Algorithm for QoS Specification and Adaptation - Nahrstedt, Hossain, Kang (1996)   (Correct)   (6 citations)
When a video card and its equivalent **software** is purchased, its description provides possible
[Nah95]The QoS parameters are then stored in **configuration** files and retrieved when negotiation phase
QoS specification is performed in two ways: ffl **Device** Specification When a video card and its
berserk.vlsi.uiuc.edu/ftp/ipoint/Documents/qos.ps

An Evolved Circuit, Intrinsic in Silicon, Entwined With Physics. - Adrian Thompson (1996)   (Correct)   (6 citations)
in an on-chip memory, which can be written from **software** running on a host computer. No **configuration** of
such application of evolution directly to the **configuration** of a Field Programmable Gate Array (FPGA)
test version. A simplified representation of the **device** is shown in Fig. 1. It has E F S E S E N N F S W
www.cogs.susx.ac.uk/users/adrianth/ices96/paper.ps.Z

Efficient Communication Mechanisms for Cluster Based.. - Davis, Swanson, Parker (1996)   (Correct)   (6 citations)
(COWs)the largest latency component is the **software** code path between the application code and the
communication in a multiprocessor cluster **configuration**. Workstation I/O architectures and networks
forms, including CPU occupancy by protocol and **device** code as well as interference with CPU access to
www.cs.utah.edu/~ald/camera-canpc.ps

Rolling Bodies with Regular Surface: Controllability Theory.. - Marigo, Bicchi (1998)   (Correct)   (3 citations)
means of lifting complicacy from hardware to the **software** and control level of design. In fact, planning
mechanics. Consider a mechanical system whose **configurations** q evolve in a smooth n-dimensional manifold
mechanics. Consider a mechanical system whose **configurations** q evolve in a smooth n-dimensional
131.114.28.35/pub/papers/roll-journal.ps.Z

"KhepOnTheWeb" : An Experimental Demonstrator in Telerobotics .. - Olivier Michel (1997)   (Correct)   (4 citations)
Web)the email box or the ftp servers full of **software**. Some experiments have been made to check the
need of large-angle lenses. In its basic **configuration** (two lower layers of figure 1) Khepera is
without need of large-angle lenses. In its basic **configuration** (two lower layers of figure 1) Khepera is
lamiftp.epfl.ch/pub/michel/publications/VSMM97.ps.gz

Remote I/O: Fast Access to Distant Storage - Foster, Kohr, Jr., Krishnaiyer, .. (1997)   (Correct)   (4 citations)
1 Introduction Improvements in networking and **software** infrastructure are making it easier for
Nexus communication library to obtain access to **configuration** and security mechanisms provided by the
Nexus communication library to obtain access to **configuration** and security mechanisms provided by the
ftp.globus.org/pub/globus/papers/rio.ps.gz

Vb2 An Architecture For Interaction In Synthetic Worlds - Gobbetti (1993)   (Correct)   (8 citations)
Tools: Introduction and Survey. IEEE **Software**. 6(1)1523. 27] NSF (1992)Research
communication (IPC)Figure 1 shows the typical **configurati n** of an immersive application. Processes are
communication (IPC)Figure 1 shows the typical **configuration** of an immersive application. Processes are
www.cs.umbc.edu/~gobbetti/publications/papers/uist93.ps

Dynamic Reconfiguration of Distributed Applications - Hofmeister (1993)   (Correct)   (8 citations)
written as distributed applications, where each **software** component (module) can execute on a different
application is the act of changing the **configuration** of the application as it executes. Examples
nenya.ms.mff.cuni.cz/thegroup/rel_work/3210.ps.gz

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